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TITLE: Induction sintering process, for a charge of  
pressed powder parts,  
comprises arranging individual charge batches in stacked  
supports having gas  
and vapor extraction openings

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ABSTRACT:

CHG DATE=20010601 STATUS=O>A powder pressing charge  
induction sintering  
process, comprising arranging individual charge batches  
(P1-5) in stacked  
supports (17) having gas and vapor extraction openings, is  
new. A charge of  
pressed powder parts is induction sintered at  
sub-atmospheric pressure, in a  
vacuum chamber (2) surrounded by an induction coil (8), by  
subdividing the

charge into individual batches (P1-5) arranged in stacked  
charge supports (17)  
at several levels in the working region of the induction  
coil, the released  
gases and vapors being withdrawn through extraction  
openings in the supports  
for collection in a condenser. An Independent claim is  
also included for an  
apparatus for carrying out the above process.